

the remedial action taken by the person making the inspection. The owner shall designate the location(s) where each original record shall be maintained for at least one year after the inspection covered by the record. The owner shall also designate one location, within 100 miles of each state in which they conduct operations, where copies of record which apply to those operations are either maintained or can be viewed following 10 days notice by the Federal Railroad Administration.

(c) Rail inspection records shall specify the date of inspection, the location and nature of any internal defects found, the remedial action taken and the date thereof, and the location of any intervals of track not tested per §213.339(d). The owner shall retain a rail inspection record for at least two years after the inspection and for one year after remedial action is taken.

(d) Each owner required to keep inspection records under this section shall make those records available for inspection and copying by the Federal Railroad Administrator.

(e) For purposes of compliance with the requirements of this section, an owner of track may maintain and transfer records through electronic transmission, storage, and retrieval provided that—

(1) The electronic system be designed such that the integrity of each record maintained through appropriate levels of security such as recognition of an electronic signature, or other means, which uniquely identify the initiating person as the author of that record. No two persons shall have the same electronic identity;

(2) The electronic storage of each record shall be initiated by the person making the inspection within 24 hours following the completion of that inspection;

(3) The electronic system shall ensure that each record cannot be modified in any way, or replaced, once the record is transmitted and stored;

(4) Any amendment to a record shall be electronically stored apart from the record which it amends. Each amendment to a record shall be uniquely identified as to the person making the amendment;

(5) The electronic system shall provide for the maintenance of inspection records as originally submitted without corruption or loss of data; and

(6) Paper copies of electronic records and amendments to those records, that may be necessary to document compliance with this part, shall be made available for inspection and copying by the FRA and track inspectors responsible under §213.305. Such paper copies shall be made available to the track inspectors and at the locations specified in paragraph (b) of this section.

(7) Track inspection records shall be kept available to persons who performed the inspection and to persons performing subsequent inspections.

(f) Each vehicle/track interaction safety record required under §213.333 (g), and (m) shall be made available for inspection and copying by the FRA at the locations specified in paragraph (b) of this section.

APPENDIX A TO PART 213—MAXIMUM  
ALLOWABLE CURVING SPEEDS

TABLE 1—THREE INCHES UNBALANCE  
[Elevation of outer rail (inches)]

Degree of curvature	0	1/2	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6
(12) Maximum allowable operating speed (mph)													
0°30' .....	93	100	107	113	120	125	131	136	141	146	151	156	160
0°40' .....	80	87	93	98	103	109	113	118	122	127	131	135	139
0°50' .....	72	78	83	88	93	97	101	106	110	113	117	121	124
1°00' .....	66	71	76	80	85	89	93	96	100	104	107	110	113
1°15' .....	59	63	68	72	76	79	83	86	89	93	96	99	101
1°30' .....	54	58	62	66	69	72	76	79	82	85	87	90	93
1°45' .....	50	54	57	61	64	67	70	73	76	78	81	83	86
2°00' .....	46	50	54	57	60	63	66	68	71	73	76	78	80
2°15' .....	44	47	50	54	56	59	62	64	67	69	71	74	76
2°30' .....	41	45	48	51	54	56	59	61	63	66	68	70	72
2°45' .....	40	43	46	48	51	54	56	58	60	62	65	66	68
3°00' .....	38	41	44	46	49	51	54	56	58	60	62	64	66
3°15' .....	36	39	42	45	47	49	51	54	56	57	59	61	63
3°30' .....	35	38	40	43	45	47	50	52	54	55	57	59	61
3°45' .....	34	37	39	41	44	46	48	50	52	54	55	57	59
4°00' .....	33	35	38	40	42	44	46	48	50	52	54	55	57
4°30' .....	31	33	36	38	40	42	44	45	47	49	50	52	54
5°00' .....	29	32	34	36	38	40	41	43	45	46	48	49	51
5°30' .....	28	30	32	34	36	38	40	41	43	44	46	47	48
6°00' .....	27	29	31	33	35	36	38	39	41	42	44	45	46
6°30' .....	26	28	30	31	33	35	36	38	39	41	42	43	45
7°00' .....	25	27	29	30	32	34	35	36	38	39	40	42	43
8°00' .....	23	25	27	28	30	31	33	34	35	37	38	39	40
9°00' .....	22	24	25	27	28	30	31	32	33	35	36	37	38
10°00' .....	21	22	24	25	27	28	29	31	32	33	34	35	36
11°00' .....	20	21	23	24	26	27	28	29	30	31	32	33	34
12°00' .....	19	20	22	23	24	26	27	28	29	30	31	32	33

TABLE 2—FOUR INCHES UNBALANCE  
[Elevation of outer rail (inches)]

Degree of curvature	0	1/2	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6
0°30' .....													
0°40' .....													
0°50' .....													
1°00' .....													
1°15' .....													
1°30' .....													
1°45' .....													
2°00' .....													
2°15' .....													
2°30' .....													
2°45' .....													
3°00' .....													
3°15' .....													
3°30' .....													
3°45' .....													
4°00' .....													
4°30' .....													
5°00' .....													
5°30' .....													
6°00' .....													
6°30' .....													
7°00' .....													
8°00' .....													
9°00' .....													
10°00' .....													
11°00' .....													
12°00' .....													

TABLE 2—FOUR INCHES UNBALANCE—Continued  
[Elevation of outer rail (inches)]

Degree of curvature	0	1/2	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6
0°30' .....	107	113	120	125	131	136	141	146	151	156	160	165	169
0°40' .....	93	98	104	109	113	118	122	127	131	135	139	143	146
0°50' .....	83	88	93	97	101	106	110	113	117	121	124	128	131
1°00' .....	76	80	85	89	93	96	100	104	107	110	113	116	120
1°15' .....	68	72	76	79	83	86	89	93	96	99	101	104	107
1°30' .....	62	65	69	72	76	79	82	85	87	90	93	95	98
1°45' .....	57	61	64	67	70	73	76	78	81	83	86	88	90
2°00' .....	53	57	60	63	65	68	71	73	76	78	80	82	85
2°15' .....	50	53	56	59	62	64	67	69	71	73	76	78	80
2°30' .....	48	51	53	56	59	61	63	65	68	70	72	74	76
2°45' .....	46	48	51	53	56	58	60	62	64	66	68	70	72
3°00' .....	44	46	49	51	53	56	58	60	62	64	65	67	69
3°15' .....	42	44	47	49	51	53	55	57	59	61	63	65	66
3°30' .....	40	43	45	47	49	51	53	55	57	59	61	62	64
3°45' .....	39	41	44	46	48	50	52	53	55	57	59	60	62
4°00' .....	38	40	42	44	46	48	50	52	53	55	57	58	60
4°30' .....	36	38	40	42	44	45	47	49	50	52	53	55	56
5°00' .....	34	36	38	40	41	43	45	46	48	49	51	52	53
5°30' .....	32	34	36	38	39	41	43	44	46	47	48	50	51
6°00' .....	31	33	35	36	38	39	41	42	44	45	46	48	49
6°30' .....	30	31	33	35	36	38	39	41	42	43	44	46	47
7°00' .....	29	30	32	34	35	36	38	39	40	42	43	44	45
8°00' .....	27	28	30	31	33	34	35	37	38	39	40	41	42
9°00' .....	25	27	28	30	31	32	33	35	36	37	38	39	40
10°00' .....	24	25	27	28	29	30	32	33	34	35	36	37	38
11°00' .....	23	24	25	27	28	29	30	31	32	33	34	35	36
12°00' .....	22	23	24	26	27	28	29	30	31	32	33	34	35